

## INFORMATION REPORT

EF1 NO

11 FEB 1952

**SUBJECT** The Galati Power and Water System

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1. The power plant at Galati is located on Strada Gara No. 8. There are two turbines which produce 24,000 kilowatts daily. The transformer station is also located at the same site; continuous current of 550 volts is produced as power for the street railway line. The industrial voltage for the town is 380 volts.
2. Recently, a new building has been constructed near the power plant which will house the control machinery. It is planned that the electric capacity of the plant will be increased.
3. There is a branch plant which produces from 12,000 to 15,000 kilowatts of power which is sent by aerial cable to Braila.
4. The electricity is produced by burning fuel oil; 600 grams of crude oil are required to produce one kilowatt. This is considered to be high in cost.
5. A Soviet Commission visited Galati in July 1950 with the purpose of conducting a survey for the site of a new power plant. It was said that the new plant would be ten times larger than the existing one. As of August 1951, however, no further plans had been made concerning this new power station. A sketch is attached which shows the location and various installations of the power plant.
6. The Galati water supply averaged 16,500 cubic meters per day in the winter and over 20,000 cubic meters during the summer months. A new water purification system is located at Calea Prutului; the pipelines leading from the Danube River to this plant have a diameter of 150 mm. The attached sketch shows the location and installations of the water supply system in Galati.

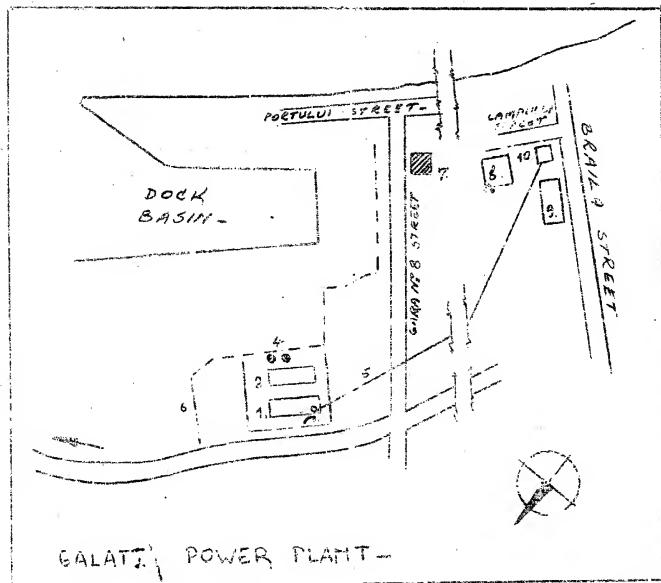
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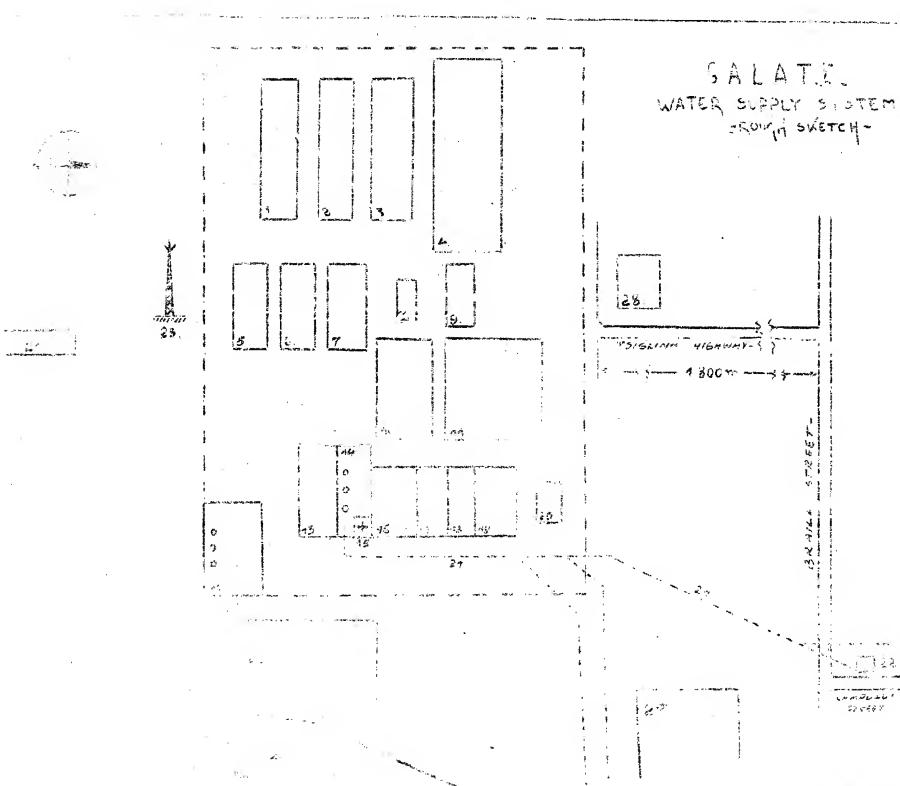
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1. Generator installation.
2. Controls department (new building)
3. Velox (sic)
4. Crude oil depots
5. High frequency tension wire connecting Galati with Braila
6. Dock fence
7. Mechanic workshop U.G.G
8. Rumanian barracks
9. Soviet barracks (mechanized unit with tanks)
10. Water tower

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1. Reservoir
2. Reservoir
3. Reservoir
4. Reservoir
5. Slow filter
6. Slow filter
7. Slow filter
8. Rapid filters (three pieces)
9. Rapid filters (three pieces) (with a pump of 25 m<sup>3</sup> capacity per hour to serve the Navy barracks)
10. Slow filter
11. Slow filter
12. Reservoir of impure water. Intake (Silzer Freres) of 300 m<sup>3</sup> capacity, per hour. Three electro motors 750 KW each.
13. Transformer 6000 to 360v. service 6000 KW.
14. Filtered water reservoir. Three electro motors of 100 KW. Three pump (Silzer Freres) of 100 m<sup>3</sup> per hour. Three chemical formers.
15. Chlorine basin.
16. Club for workers
17. Workshop
18. Warehouse storage
19. Warehouse storage
20. Laboratory
21. Pipe line of filtered water of 100 mm diameter leading to the Filter tower.
22. Water tower
23. Radio station (Navy)
24. Navy barracks
25. Navy warehouse
26. Navy shipyard repairing
27. Gasol
28. Target area
29. Brick factory